Farm Topics

Heavy Crops Drain Soil of Plant Food

Mineral Supply Needed To Restore Fertility

Heavy wartime croppings drained twice as much nitrogen from Illinois soils as was put back by fertilizer applications or legume crops, declares O. L. Whalin, University of Illinois. What was true in Illinois was true of farm soils in numerous other Midwestern states.

Approximately 2,300,000 tons of nitrogen were removed from the soil in harvested crops in the 1942-46 period, Whalin points out. But only about 1,500,000 tons of nitrogen were returned to the land. This replacement included nitrogen in fertilizer applications, plus 60 per cent of the nitrogen in legumes harvested and in sweet clover turned under.

The supply of other mineral elements was seriously depleted. Whalin estimates that only about half of the phosphorus taken from the soil was replaced. Less than one-thirtieth as much potash was added through commercial fertilizers as was removed by harvested crops.

"This heavy drain on the soil's mineral supply," says Whalin, "has reached the point where crop yields on many soils definitely depend on the amount of minerals applied. Manure, inoculated legumes, phosphate and potash are required, will maintain and even increase yields on most soils."

Carrying out such a program, he adds, calls for use of lime on much

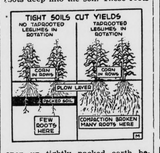
Rich West Virginia mountain lime plant. Lime is sold to the farmers to increase production on crop and pasture land.

of the land in order to grow legumes. Lime should be applied on the basis of soil tests. It should be used from six months to a year before legumes are seeded, in order to sweeten the soil.

Deep-Rooted Legumes

Deep-rooted legumes work in two major ways to improve tilth, rebuild soil structure and increase the supply of mineralized organic matter.

1. Well-fed legumes such as sweet clover or alfalfa push their taproots deep into the soil. These roots



open up tightly packed earth below the plow furrows. Neither water nor air can penetrate such compacted soil. Crop roots cannot do their job of carrying nutrients to the plant growth "factory" above ground. But when deep-rooted legumes are grown frequently in the rotation, tilth and soil structure are improved. The land becomes loose and easy to work. Channels for air and water and passageways through commercial fertilizers as was removed by harvested crops.

2. Deep-rooted legumes are efficient feeders on the soil's available phosphorus and potash. They can forage for these plant foods when other crops will fail. The legumes gather these nutrients into their taproots. When plowed under, these roots put all-important mineralized organic matter down where it should be, readily available for the roots of other crops following in the rotation.

Palomar Telescope Mirror Gets an Aluminum Overcoat

PASADENA, CALIF.—The $600,000 mirror, 200 inches in diameter, which is the "eye" for the world's largest telescope at Mount Palomar observatory, has been aluminized and tested for size in the telescope cradle, California Institute of Technology astronomers announced.

The 14½-ton concave surface, which took more than 11 years to make and is ground to an accuracy of two-millionths of an inch, was conveyed from Pasadena to 5,500 foot high Mount Palomar, 162 miles south of here. After its arrival it was immersed in a vacuum tank and received a thin coating of aluminum to give it proper reflective properties.

The huge disk then was hoisted into the lower end of the telescope tube, replacing a concrete block which had served as a dummy mock during mechanical trials.

Walking Barge Rides Swamp, Sea or Snow; Carries 60 Tons

LOS ANGELES. — The navy took the wraps off a new amphibian monster, a 60-foot walking barge capable of carrying 60 tons of men and material through surf, sand, mud, swamps or over Arctic snow and tundra.

The vehicle consists of three pontoons placed side by side and is propelled through water by a propeller in the stern of the center pontoon which draws into a well for land travel. On quagmires and swamps, the barge humps along in leapfrog fashion, the inboard pontoon first moving forward 10 feet, followed by the two outboard sections.

The navy suggests employment of the new amphibian as a carrier for sectional road mats over beaches, as a mobile fortress to cover foot troops during landing operations, in construction of bridges and docks and in salvage operations.

Mississippi River Boats Have New Look, Modern Equipment

CHICAGO. — Mark Twain never would recognize the river boats that play the Mississippi these days.

Slow, clumsy river boats have been replaced by twin and triple screw, diesel-powered tugboats which can come alongside a dock with the maneuverability of a jeep.

The new diesels outnumber steam-powered boats four to one. Many are equipped with radar to guide them through fog, storm and smoke, and with ship-to-ship and ship-to-shore radio telephones.

Some of the new river boats even have a sort of "jet propulsion" in the form of a nozzle which feeds a constant flow of unbroken water to the propellers to increase the pushing power per horsepower.

Drug Suspended in Mist Checks Asthma Symptoms

CHICAGO. — Certain drugs, when suspended in a mist, protect animals from the effects of histamine, a body chemical responsible for symptoms of asthma, a Northwestern university specialist said.

The drugs are known as antihistamines and include pyribenzamine, benadryl, thenylene and neoantergan, Dr. Samuel M. Feinberg told the American Academy of Allergy.

In earlier experiments, the drugs were administered by mouth and showed little effect on asthma. Investigators then conceived of the idea of suspending the drugs in a mist so they could be inhaled by 10 experimental guinea pigs. This permitted a greater concentration of the drug to reach the bronchial tubes.

NANCY
By Ernie Bushmiller
I WISH SLUGGO WOULD WASH HIS FACE
I'LL TRY MENTAL TELEPATHY--- THAT MIGHT WORK
MENTAL TELEPATHY
SOAP
SOAP BUBBLES
SOAP OPERA
JITTER
By Arthur Pointer
MUTT AND JEFF
By Bud Fisher
MUTT ALWAYS CALLS ME THE LITTLE DUMBBELL AND HE'S THE SMART ONE!
MUTT, HOW DO YOU SPELL CHICAGO?
ER--
KER-CHOO
WRONG! IF THREE COWS WALK ALONG SINGLE FILE WHICH ONE CAN TURN AROUND AND SAY I SEE TWO PAIR OF HORNS?
THE FIRST ONE!
WRONG! COWS CAN'T TALK!
HELLO BUD FISHER? THIS IS JEFF! LISTEN, BUD! MUTT'S NOT AS SMART AS HE'S CRACKED UP TO BE! - NO! BYE!
LITTLE REGGIE
By Margarita
NOW DON'T FORGET YOUR MANNERS AT MRS. VAN LOON'S DINNER PARTY!
LATER
REGINALD DEAH... ARE YOU QUITE SURE YOU CAN CUT YOUR MEAT?
OH YES MAAM — WE OFTEN HAVE IT AS TOUGH AS THIS AT HOME!

◆ CLASSIFIED SECTION ◆

States' Funds for Jobless Hit New Top

Reserves Now High Enough for Claims That May Arise.

WASHINGTON. — State reserve funds for paying unemployment compensation reached an all-time record high of $7,143,428,000 on September 30, social security administration has announced.

An official said the size of the reserve fund started increasing again steady through 17 months of heavy payments to unemployed workers after V-J Day.

It is big enough now, according to experts, to meet any benefit claims that might arise in the foreseeable future.

●

The new climb in the unemployment reserve fund was disclosed as a 15-man advisory group to the senate finance committee called meetings here to begin a study of the coverage, rates and benefits of unemployment compensation, old age insurance and public assistance.

This group, headed by Edward R. Stettinius, former secretary of state, will make recommendations for overhauling the whole program.

Old Sol Outshines Wintry Overcast in Major Cities

TOLEDO, OHIO. — The time isn't ripe to plant palm trees in Pittsburgh or cotton in Cleveland, but weather bureau records going back 16 to 33 years show that most of the United States basks in winter sunshine more often than it shivers in the snow.

Surveying weather reports for 33 key cities to determine the efficiency of solar houses designed to use the sun for warmth and more cheerful living, technicians of Libbey - Owens - Ford Glass company found that in all but seven of the cities studied there are more sunny days in winter than cloudy ones.

The sunniest city covered in the survey was Los Angeles, with blue skies 72 per cent of all daylight hours between September and June. Portland, Ore., was the cloudiest with a sunny-hour score of a little less than 29 per cent. Even steel-making Pittsburgh enjoys sunshine nearly 47 per cent of daytime hours and Chicago, Boston, Des Moines and Cincinnati are among cities warmed by the sun more than half the winter.

Even on cloudy days, however, tests show that enough solar heat pierces the overcast to help materially in heating a home that's designed with extensive insulating windows on south walls to admit the winter sun.

IN MEMORIAM

Carter:- In loving memory of our dear husband and father, W. W. Carter, who passed away one year ago, Feb. 11, 1947.

The face we loved is now laid low,
His loving voice is stilled;
The hand so often clasped in ours
Lies now in death's cold chill.
We often sit and think of him,
When we are all alone;
For memory is the only thing,
That grief can call its own.
—Wife and Children.

CARD OF THANKS: We wish to thank for many friends for their expressions of sympathy, kindnesses shown, flowers and cards, during our recent bereavement.
—R. T. Lee and Family.

CARD OF THANKS: We wish to thank our friends for their expressions of cars, and especially the pallbearers who labored in severe cold, during our recent bereavement. —J.R. and Mrs. Ida F. Marks (2-12-1tc)

LOST: Two Bird Pointer Pups, White with black spots. Male and female. Please notify Joe P. Almond, Appomattox, Va. (1tp)

Have beautiful line of new Spring Dresses, Coats, Toppers and Suits.
Will have this week-end Ladies Ball Band Boots and Mens Arties.
MRS. W. R. REYNOLDS

FOR SALE: Green wood for Heaters. 2 to 7 days required for delivery.
(2-12-2tc) A. R. Harwood

NOTICE: Taxpayers of Appomattox County: Please come by office and give in your list of tangible and intangible personal property and State Income Tax. Don't wait until we have to add penalty.
J. H. O'Brien,
Commissioner of Revenue.
(1-29-3tc,

Housekeeper Wanted: - Settled, middle-aged white woman wanted as housekeeper for elderly lady in Lynchburg, Va. Light work, comfortable home. References required. Write Thomas W. Collins, P. O. box 1040, Lynchburg, Va.
(2-12-1tc)

Reward: Strayed from home of Mrs. W. P. Gills Sunday, Feb. 8, one female Pointer. Black & white with black head. R. B. Frazier, Lawrenceville, Va. on collar when strayed. Notify Mrs. W. P. Gills, Appomattox, Va., Phone 9213.

If want to talk to 12 men who really desirous of securing a position that will give them steady employment the year around. There are no laying off periods; consistent income that really counts.

It does not matter what your past employment has been. All we ask is that you be willing to study and learn to show our electrical device as we teach you our work. Our (profit-sharing remuneration (no investment) can make earnings immediately available while learning.

You must be willing to give the names of 3 people who will vouch for your honesty and integrity.

We prefer men who are married or men who have some source of responsibility. I would like to talk to a few men who are mechanically inclined and who know a good thing when they see it.

Therefore, if you are honest and of good character, a willing worker and of neat appearance, write "EMPLOYMENT," care of the Times-Virginian, Appomattox, Va.
(2-12.3tp)

Special Chick Offer on best grade U. S. Approved Barred Rocks, Hampshire Reds, Redrock Crosses or White Leghorns. Direct from hatchery to you. Price $12.95 per 100. Order yours today for shipment when wanted. Surplus heavy breeds our choice $11.95 per 100, less than 100 add 1c per chick. Order now. Address: Seeley's Chicks, Norfolk 10, Virginia. (12-11-tfc)

Virginia's Fastest Growing Health and Accident Insurance Company has an opening in Appomattox Co. and surrounding areas for a man or woman district manager. We have the most modern and complete coverage plans written, including Hospitalization which pays Doctor Bill at home or hospital. Leads furnished. If you are interested in a profitable connection with a future, write in detail concerning yourself to American Bankers Life and Casualty Co., Central National Bank Bldg., Richmond 19, Va. Replies confidential, as our associates know of this ad

For Sale: One cow. Also laying hens. Garden tractor. Two electric brooders. -Rufus K. Cawthorne,
(2-5-2tp) RFD 1, Appomattox

Prompt service on covered buttons, buckles, belts. Hems let down and other alterations. Mrs. Bertha Martin, Hotel Appomattox.

I have some extra nice Red Clover Seed for sale, at prices below market. Phone 4852-J Lynchburg. My farm is located in Bedford County near Clay's Crossing. Roy V. Murray, R.F.D. 1, Lynchburg, Va.
(2-5-4tc)

House for Rent: Electric lights, app. 3 miles north of Appomattox. Jack Gibson.
(2-5-4tp)

SALE: We are reducing our stock due to the fact that we are soon to enter a new building.
Several Sterling Silver Identification bracelets were $6.00, now $3.00 & $4.00. A nice assortment of gold filled ear rings, were $5.00 now $3.00 to $4.00. And also a lovely assortment of costume jewelry.
Wilkes' Jewelers
Appomattox, Va.

If you are in need of bath tubs, toilet combinations, cabinets, sinks or any plumbing supplies visit our Showroom and secure our prices, lowest in Lynchburg. LYNCHBURG PLUMBING & SUPPLY CO., 1215-1217 Commerce St., Lynchburg, Va.
(7-3-tfc)

NOTICE: I am prepared to aid you in filing your income tax report. Have had 12 years experience in office of federal collector. See or write me for appointment and save yourself hours of work. Don't wait until March 15 deadline.—Mrs. Ann A. Staples, Appomattox, Phone 27.
(1-15- 13 15)

NOW PAYING $1.00 per hundred pounds for all kinds of mixed iron, free of light iron. Highest prices paid for rags, brass and other metals. LYNCHBURG IRON & METAL CO., Park Ave. & Kemper St., Lynchburg, Virginia.
(12-4-tfc)

FLASH:- Received "large shipment" WINDOWS, DOORS & FLOORINGS. Now is the time "to BUY MATERIALS FOR YOUR NEW HOME." Use AQUELLA CEMENT WATER proofing your basement. or CINDER BLOCK HOME, $3.95 per gallon, then is "NOTHING BETTER." SEE H. E. DEWITT COMPANY, LYNCHBURG, VA
(1-15-tfc)

Engine Rebuilding
Tractor, Truck, Stationary
JOHN P. HUGHES MOTOR CO INC.
Lynchburg, Virginia
Telephone 6065
(1-10-tfc)

For Sale: Round wood or slabs. Also, buy scrap iron. See me for highest prices.
Vernell Mitchell,
(12-11-tfc) Appomattox, Va.

Contract Hauling or Moving.
Vernell Mitchell,
Appomattox, Va. (12-11-tfc)

Complete Beauty Course $100.00. One of the South's Largest Beauty Colleges - For married or single girls - No High School Diploma Necessary - Mayfair College of Beauty Culture - 1122 Main Street, Lynchburg, Virginia. (12-11-8t

See the new Domestic Sewing Machine at Ferguson's Electric Shop, Hotel Appomattox. Demonstration by appointment. (1-29-2tp)

FARM LOANS

Protect the future of your farm by financing with a

Land Bank Loan

● LONG TERM
● LOW INTEREST

Never comes due all at once. Pay off any time.

R. S. HARRIS
Assistant Secretary-Treas.

NATIONAL FARM LOAN ASSOCIATION
Of Farmville
915¼ Main Street, Phone 3-76
Lynchburg, Virginia

Remember Your Loved Ones With A

Real VALENTINE

Come in or call us about our VALENTINE SPECIALS

Spring Valentine Arrangements
Special Valentine Corsages
Potted Plants
Red Heart Pottery Vases
Party arrangements and favors
Cut Flowers

The Flower Shop
Appomattox, Va. — Phone 149

We have many items priced for CLEARANCE at far below their actual value. Come in for these bargains while they are available, as our stock will not be here long.

Mens Leather Jackets,	were 23.95	now	15.00
Mens Leather Jackets,	were 16.95	now	11.95
Boys Plaid Wool Jackets, were 9.95		now	7.95
Mens Aleutian Cloth Jackets — resistant — were 11.95	waterproof and wind	now	8.95
Mens Black Raincoats			7.50
Boys Raincoats— with cap			5.75
Little Boys Overcoats — brass buttons	navy with red lining and		4.95
1 Snow Suit—	water repellant size 6X		12.95
Legging Suits— sizes 1 to 3	one or two piece— pastel shades were 7.95	now	6.00
3 Umbrellas left at	HALF PRICE		
Ladies Galoshes			2.65
Childrens Galoshes			2.85
Boys 4 Buckle Slusher			4.19
Childrens Flight Boots			5.15
Plant Bed Covers 10x10—AA Grade			10.95
Plant Bed Covers 10x10 A Grade			9.75

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You can buy it for less in Appomattox

INGE'S DEPARTMENT STORE
APPOMATTOX, VIRGINIA

Fourth District Election Returns

TUESDAY, FEBRUARY 17th

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Regular Programs Will Be Interrupted To Give You Up To The Minute Returns Throughout The Evening

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Local Happenings

Employees of the branch office of the Home Beneficial Life Insurance Co. from Appomattox who attended a banquet in Farmville on Monday night were: Supt. and Mrs T. M. Richardson and Mr. and Mrs. J. T. Rogers, Mr. and Mrs. J. M. Arrington, Mr. and Mrs. Z. V. Harvey and Mr. and Mrs. T. D. Guthrie.

The Circles of the Woman's Society of Christian Service of the Memorial Methodist Church will meet at the church on Wednesday February 18, at 7:30. This meeting was postponed from last week.

Floyd Mitchell is recovering from a recent illness.

Miss Constance Fulp, of Richmond was home for the week-end.

W. F. Woolfork, of Petersburg, spent the week-end here.

Mrs. L. E. Smith returned home today, after spending two months in a Lynchburg hospital.

W. P. Ferrell is recovering from a recent illness.

Church Notices

EVERGREEN BAPTIST CHURCH FIELD
Cecil G. Carter, Pastor

ROCKS:
10:00 A. M., Sunday School.
11:00 A. M., Morning Worship.

CENTRAL:
2 P. M., Training Union.
3 P. M., Afternoon Worship.

The Evergreen W. M. S. will meet with Mrs. Clifton Paulette on Wednesday February 18, 1:30 P.M. (All these services will be held if the weather of snow and cold do not prevent).

MEMORIAL METHODIST CHURCH
Floyd M. Lucas, Minister

Sunday School: 9:45.
Preaching Service, 11:00.
Youth Fellowship 6:45.
Wesley B. Lucas will lead.
Preaching Service 7:30.

Sub-District Methodist Youth Fellowship will meet at Memorial on February 17, 7:30. A Bible related film will be shown at this meeting.

In connection with our Sunday School work we shall have two very able speakers with us February 19, 7:30. Dr. J. J. Rives and Rev. T. L. Simpson will be here.

Presbyterian Services

There will be a special service at Appomattox Presbyterian Church Sunday morning, February 15, at 11 o'clock. Dr. W. Twyman Williams will preach and newly elected deacons and elders will be installed and a baptismal service will be held. You are cordially invited to attend.

Mimeographing: we can give you prompt, economical service on your mimeographing needs.
—The Times-Virginian.

ENGAGEMENT IS ANNOUNCED

Mr. and Mrs. Lewis S. McCormick Sr., of Appomattox, Va. announce the engagement of their daughter, Iris E. McCormick, to Ernest M. Williams, Jr. son of Mr. and Mrs Ernest M. Williams, Sr., 1112 East Grand Avenue, Lynchburg, Va.

The wedding will take place at the Spout Spring Baptist Church, February 28, 1948, at 8 o'clock.

No invitations are being issued, but friends and relatives of the couple are requested to attend.

SEAY—WEBB

The wedding of Miss Mary Alice Webb, daughter of Mr. and Mrs. V. B. Webb, of Appomattox County, to Mr. James Abner Seay, son of Mr. and Mrs. B. A. Seay, of Dillwyn, was solemnized Saturday evening, January 24,at 8:15 o'clock in the home of the bride. The officiating minister was the Rev. C. G. Carter, who used the single ring ceremony.

Mr. and Mrs.Seay will make their home in Dillwyn.

COLORED DOTS

Rev. and Mrs. C. A. Marshall, of Burkeville spent the week-end with Mr. and Mrs. Hobert Watson.

Navy Fighter, Bomber Crash; Seven Fliers Reported Dead

NORFOLK, VA.—Seven naval airmen were killed when a Corsair fighter plane and a patrol bomber carrying a crew of seven collided in the air and crashed at the Norfolk naval air station.

Naval spokesmen said the Corsair, attached to the carrier Coral Sea, collided at a 100-foot altitude with the right wing of the bomber, attached to amphibious group 3. The Corsair caught fire and its pilot burned to death.

Sole survivor was a crewman aboard the bomber, who was thrown from a gun blister when the plane crashed in swampy ground 200 yards from the Corsair. He escaped with cuts and bruises.

Six bodies were recovered from the bombing plane.

Uncle Sam Says

How many things have you had to forego because you did not save up money to pay for them? Perhaps in your own experience you muffed an unusual opportunity to get ahead or to make a dream come true. You simply didn't have enough money. Millions of Americans are buying Savings Bonds either on the partial payment plan where they work or on the Bond-A-Month Plan whereby your bank deducts the full amount of a Bond monthly from the money you have on deposit. They will be ready for opportunities, but how about you? *U. S. Treasury Department*

Announcing

I Am Now Operating The

Hi-Way Service Station

Appomattox, Route 460 — Formerly McCormick's
American Oil Co. Products Soft Drinks —Etc.
Let me Service Your Car!

T. Jennings Conner

FOR

★ Washing
★ Greasing
★ Oil Changing

Call On

Esso

JOHNSON'S ESSO SERVICE

H. G. Johnson, Prop. Phone 9 Route 460

We are offering good values throughout our store for your present or future needs. You will find the brands here that you prefer and at prices that will please you. Shop with us and save.

White Sheet Blankets	each	2.19
Part Wool Blankets - 72 x 80		4.[illegible]
Part Wool Blankets - 72x84		6.50 & 7.50
Unbleached Sheeting - 36"	yard	.29
Pastel Flannelette - 36" —	yard	.39
Feather Ticking —	yard	.75
Straw Ticking —	yard	.49
Longcloth —	yard	.49
Oilcloth— 46" — many patterns —	yard	.65
AA Grade Plant Bed Covers	10x10	10.95
A Grade Plant Bed Covers	10x10	9.75

JENKINS
"The Economy Store"

LEE THEATRE
THE SHOWPLACE OF APPOMATTOX
NEW WINTER SCHEDULE:
Monday through Friday, Firs: Show 7 P. M., Last Show 9 P. M.
Saturdays: Continuous from 6 P. M., Last Show: 9:30 P. M.

COMING ATTRACTIONS

Fri., Sat., Feb. 13, 14
Red Ryder-Stagecoach to Denver
ALSO
San Quentin
Mon., Tues., Feb. 16, 17 Red Skelton in
Merton of The Movies
Wed., Thurs., Feb. 18,19 Return engagement of
REBECCA